



(Translation of Official Action)
NOTIFICATION OF REASON FOR REJECTION

Mailed: April 16, 2004

Japanese Patent Application No. 2001-548625
Draft date: April 13, 2004
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Applicable Articles: Article 29, paragraph 1 and Article 29, paragraph 2

It is concluded that the present application should be rejected for the following reason. If the applicant has any argument against the reason, an Argument must be filed within 60 days of the mailing date of this Official Action.

REASON 1:

The present invention as claimed in the following claims is unpatentable under Article 29, paragraph 1, sub-par. 3 of the Japanese Patent Law as being described in/anticipated by the following publications which were distributed in Japan or elsewhere prior to the filing of the present application.

REASON 2:

The present invention as claimed in the following claims is unpatentable under Article 29, paragraph 2 of the Japanese Patent Law since the invention would have been obvious to those skilled in the art to which it pertains over the following publications which were distributed or made available to the public through telecommunication lines in Japan or elsewhere prior to the filing of the present application.

Remarks

- A: Japanese Laid-Open Publication No. 56-163168
- B: Japanese Laid-Open Publication No. 11-349871
- C: Japanese Laid-Open Publication No. 6-504576
- D: Japanese Laid-Open Publication No. 5-214282
- E: Japanese Laid-Open Publication No. 4-18465
- F: Japanese Laid-Open Publication No. 7-157698
- G: Japanese Laid-Open Publication No. 10-211693
- H: Japanese Laid-Open Publication No. 2-127482

(1) Claim 1-3, 6, 15, 16, and 18-21

Since Citation A discloses an ink composition for ink jet recording containing the compound of formula (I) which has oxy-propylene part (the claims, page 3, line 2 from the bottom of left-upper column to page 4, line 2 of left-upper column, and Examples), the invention defined in Claim 1-3, 6, 15, 16,

and 18-21 are disclosed in Citation A.

Since Citations B to D disclose the compound of formula (I), as defined in the present invention, wherein oxy-alkylene group can be replaced with oxy-propylene group, the invention defined in Claim 1-3, 6, 15, 16, and 18-21 are obvious to one skilled in the art over Citations B to D.

Furthermore, since glycerin is a well-known wetting agent, it is obvious to one skilled in the art to add this into an ink composition. (For example, Citation A: page 3, line 2 from the bottom of left-upper column to line 4 of right-upper column; Citation C: page 11, line 13 of right-upper column to line 14 of left-lower column; Citation E: page 5, line 10 of left-upper column to line 14 of right-upper column)

It is therefore obvious to one skilled in the art to achieve the claimed invention in view of Citations A-D.

(2) Claim 4

The above (1) is also applied. In addition to this, a surface treated pigment is one of the well-known ingredients as a colorant for an ink jet recording method.

(3) Claim 5

The above (1) and (2) are also applied. In addition to this, it is obvious to one skilled in the art to mix some ingredients adequately for use as an ink composition.

(4) Claim 7

The above (1) to (3) are also applied. In addition to this, it is obvious to one skilled in the art to adjust the pH of an ink composition adequately.

(5) Claims 8 to 14

The above (1) to (4) are also applied. In addition to this, 1,2-alkylene glycols such as pentandiol and hexandiol are a well-known ingredient for an ink composition. Thus, it is obvious to one skilled in the art to use these ingredients.

(6) Claim 17

The above (1) to (5) are also applied. In addition to this, for example, Citations G and H disclose use of a high color density ink and a low color density ink in an ink jet recording.

Background Art Information

Field of Search: IPC 7th, C09D11/00-11/20
B41M 5/00

References found:

Japanese Laid-Open No. 2000-265095

This reference constitutes no reason for rejection.

When amending the specification, the applicant should avoid the addition of new matter.

Desirably, support for each amendment in the originally filed specification or drawing(s) should be indicated in an Argument.